Listing of the Claims

1. (Currently amended) A method for establishing a data communication session with a mobile subscriber in a wireless communication network, comprising:

receiving a <u>registration</u> request <u>at a packet data server</u> to register a data communication session ~~with a~~ <u>between the</u> packet data server <u>and the mobile subscriber</u> prior to a radio air link being established with the mobile subscriber;

sending a signal from the packet data server to trigger the establishment of a radio air link between the base station and the mobile subscriber to allow communication between the packet data server and the mobile subscriber; ~~and~~

waiting a set time period <u>after receiving the registration request to allow establishment of the radio air link</u> before sending a <u>link</u> configuration request to the mobile subscriber<u>, wherein the link configuration request is used to set up a data link connection between the mobile subscriber and the packet data server</u> ~~to allow establishment of the radio air link~~; and

<u>establishing a data communication session between the mobile subscriber and the packet data server using the data link connection</u>.

2. (Cancel).

3. (Previously presented) The method of claim 1, further comprising calculating a dynamic duration for the set time period based on a network.

4. (Previously presented) The method of claim 1, wherein waiting the set time period comprises providing a wait time period having a duration between 10 milliseconds and 1 second.

5. (Previously presented) The method of claim 1, wherein waiting the set time period comprises providing a wait time period having a duration of approximately 100 milliseconds.

6. (Original) The method of claim 1, wherein registering the data session comprises registering the data session according to an A11 protocol compatible with a Point-to-Point Protocol (PPP) communication network.

7. (Currently amended) The method of claim 1, wherein sending the <u>link</u> configuration request signal comprises sending a ~~configuration request signal according to a protocol compatible with a~~ Point-to-Point Protocol (PPP) <u>based signal</u>~~communication network~~.

8. (Currently amended) A method for communicating with a mobile subscriber in a wireless communication network, comprising:

receiving a request <u>at a packet data server</u> to register a data session ~~with~~ <u>between a</u> <u>mobile subscriber and the</u> packet data server prior to a radio air link being established with the mobile subscriber;

sending a signal from the packet data server to trigger the establishment of a radio air link between the base station and the mobile subscriber to allow communication between the packet data server and the mobile subscriber;

sending an initial <u>link</u> configuration signal <u>for</u>~~to~~ the mobile subscriber from the packet data server<u>, wherein a link configuration signal is used to establish a data link connection between the mobile subscriber and the packet data server</u>; and

waiting a first set time period from sending the initial <u>link</u> configuration request signal <u>for</u>~~to~~ the mobile subscriber before sending a second initial <u>link</u> configuration request signal, wherein the first set time period provides additional time for establishment of the radio air link.

9. (Currently amended) The method of claim 8, further comprising providing a second wait time period triggered by a data communication error event before sending a <u>link</u> configuration request signal to the mobile subscriber.

10. (Original) The method of claim 8, further comprising repeatedly waiting a time equal to the first wait time period until an air link to the mobile subscriber is successfully established.

11. (Currently amended) The method of claim 9, wherein ~~providing a second wait time period comprises providing a second wait time period having a duration equal to a default time-out duration defined by a~~ <u>the link configuration signal is a Point-to-Point Protocol (PPP) based</u> communication protocol <u>which upon configuration establishes a PPP connection between the mobile subscriber and the packet data server</u> ~~controlling the data communication~~.

12. (Previously presented) The method of claim 8, wherein providing the first set time period comprises providing a first wait time period having a duration between 10 milliseconds and 1 second.

13. (Currently amended) The method of claim 8, wherein ~~providing the first set time period~~ ~~comprises providing a first wait time period having a duration of approximately 100 milliseconds~~ the data link connection allows the establishment of a data communication session.

14. (Cancel).

15. (Currently amended) A method for establishing a data communication session with a mobile subscriber in a wireless communication network, comprising:

receiving a request to register a data communication session with a packet data server prior to a radio air link being established with the mobile subscriber;

~~sending no configuration request signal until~~ receiving at the packet data server ~~receives a~~ signal indicating that a radio air link has been successfully established to the mobile subscriber; and

following receipt of said signal indicating that the radio air link has been successfully established, the packet data server sending a link configuration request signal to the mobile subscriber to establish a connection between the mobile subscriber and the packet data server, wherein the connection allows the establishment of the data communication session.

16. (Currently amended) A method for establishing a data communication session with a mobile subscriber in a wireless communication network, the method comprising:

~~exchanging data session registration request and reply signals between a packet control~~ ~~function module and a data packet server module to register the data communication session~~ ~~according to a known communication control protocol; and~~

~~preventing a~~ delaying transmission of a ~~data session~~ configuration request signal for a Point-to-Point Protocol (PPP) connection setup from the data packet server module to the mobile subscriber after receiving a registration request at the data packet server;

sending the configuration request signal to the mobile subscriber after a triggering event, wherein the triggering event indicates that ~~prior to~~ an air link is established ~~by withholding the~~ ~~data session configuration request signal~~ with the mobile subscriber ~~at the data packet server~~ ~~module until a triggering event is received by the packet data server indicating that the data~~ ~~session configuration request signal is to be sent to the mobile subscriber~~; and

establishing a PPP connection between the mobile subscriber and the packet data server and providing the data communication session over the PPP connection.

17. (Currently amended) The method of claim 16, wherein ~~withholding the data session configuration request signal continues until~~ the triggering event is a time-based trigger signal ~~is received by the packet data server~~.

18. (Currently amended) The method of claim 16, ~~wherein withholding the data session configuration request signal continues until an event-based trigger signal is received by the packet data server~~ further comprising sending a signal from the packet data server to trigger the establishment of a radio air link between the base station and the mobile subscriber to allow communication between the packet data server and the mobile subscriber.

19. (Currently amended) A system for wireless communication, comprising:

a packet data server;

a communication network adapted for carrying control and data packets between a mobile subscriber and the packet data server;

a radio air link portion of said communication network, the radio air link having associated therewith an air link establishment delay time; and

said packet data server including a processor that triggers the establishment of the radio air link and attempts sending a link configuration request signal over said communication network responsive to an indication that said radio air link is ready to carry said link configuration request signal to said mobile subscriber to establish a first Point-to-Point Protocol (PPP) connection.

20. (Previously presented) The system of claim 19, wherein the indication comprises a time-based signal indicating that a wait time exceeding the air link establishment delay time has elapsed.

21. (Previously presented) The system of claim 19, wherein the indication comprises an event-based signal indicating that the air link has been successfully established to the mobile subscriber.

22. (Previously presented) The method of claim 1, further comprising buffering data packets prior to the successful establishment of a radio air link to the mobile subscriber.